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Northwestern University Medical School. Octavo
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Prof. Stiles' wonderful faculty of putting scientific things in language within the grasp of the non-medical reader is nowhere better illustrated than in this, his newest book. He has a way of conveying facts accurately, with rifle-ball precision. You get chapters on the minute structure, elements of nerve physiology, reflexes, anatomy, afferent, neuromuscular, and autonomic systems, fatigue, the cerebrum and human development, emotion, sleep, dreams, causes of nervous impairment, neurasthenia, hygiene.

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Published September, 1918

The Lancet, London

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Laboratory Manual of Soil Bacteriology. By E. B. FRED, Ph. D., Associate Professor of Agricultural Bacteriology, College of Agriculture, University of Wisconsin. 12mo of 170 pages, illustrated. Cloth, \$1.25 net. Published October, 1916

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his work is the outgrowth of several years of experience in teaching soil bacteriology. The exercises described are arranged primarily for students of soil bacteriology, soil chemistry and physics, and plant pathology. As far as possible the experiments are planned to give *quantitative* results. The section entitled "Formulæ and Methods" presents in a convenient form some of the more important media and methods used in the study of soil bacteria.

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This is the only work in English dealing with all the most prominent phases of applied bacteriology. It treats fully of the bacteriology of plants, milk and milk products, dairying, agriculture, water, food preservation; of leather tanning, vinegar making, tobacco curing; of household administration and sanitary engineering. A chapter of prime importance to all students of botany, horticulture, and agriculture is that on the bacterial diseases of plants—a scientific study of those diseases which destroy flowers, fruits, and vegetables. It is well adapted to your use.

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Each book is rich in helpful suggestions

Eyre's Bacteriologic Technic

Bacteriologic Technic. By J. W. H. EYRE, M.D.,
Bacteriologist to Guy's Hospital, London. Oc-
tavo of 525 pages, with 219 illustrations.
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Dr. Eyre has subjected his work to a most searching revision. Indeed, so thorough was his revision that the entire book, enlarged by some 150 pages and 50 illustrations, had to be reset from cover to cover. He has included all the latest technic in every division of the subject. His thoroughness, his accuracy, his attention to detail make his work an important one. He gives clearly the technic for the bacteriologic examination of water, sewage, air, soil, milk and its products, meats, etc. And he gives you good technic—methods attested by his own large experience.

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This work discusses milk from the viewpoint of the sanitarian, producer, and physician. There are chapters on the physiology of lactation, chemical, physical, and bacteriologic examinations, contamination, molds, yeasts, and torulæ, fermented milks, milk-borne infections, transmission of toxins and antibodies, pasteurization, certified milk, control of supply, economic aspect of production and distribution, butter, cheese, ice cream, condensed and desiccated milks, and milk from mammals other than the cow. The book is illustrated with illustrations aimed to clarify the text.

Armsby's Conservation of Food Energy

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16mo of 69 pages. Cloth, 75 cents.

Published August, 1918

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This new work is particularly adaptable to the requirements of scientific courses. It takes up Living Substance generally, illustrating the text whenever a picture will help. There are chapters on the origin of life and its manifestations, the cell and cell division, reproduction, ontogenesis, conformity to type, divergence, structural and blood relationship, parasitism, mutilation and regeneration, grafting, senescence, etc. For the student only somewhat acquainted with the science it is at its best; for the advanced student it becomes a most practical summary.

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July, 1913

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A Text-Book of Histology. By A. A. BOHM, M. D., and M. VON DAVIDOFF, M. D., of Munich. Edited by G. CARL HUBER, M. D., Professor of Embryology at Wistar Institute, Univ. of Penna. Octavo of 525 pages, 376 illustrations. Cloth, \$3.50 net. Second Edition published August, 1904

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rofessor Buchanan's new work is a thorough and comprehensive one, presenting the practical side of bacteriology as applied in veterinary science. Professor Buchanan is a virile writer, and this extremely practical book has all the earmarks of a master of his subject. Besides bacteria and protozoa proper, he considers yeasts and molds pathogenic for animals. Immunity, opsonic index, the manufacture of antitoxins, vaccines, tuberculins, reproduction, sterilization, isolation of cultures, etc., are all presented.

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September, 1915

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his work takes up the entire question of the care of all kinds of livestock—horses, the dairy cow, beef cattle, sheep, swine, poultry of all kinds.

There is a section on *scientific feeding*, giving quantities, proportions, and methods; another on breeding for special purposes, castration, tuberculin test, the Babcock test for quality of milk, cholera diagnosis and vaccination; how to select and judge cattle, etc. It is a clear presentation of economic livestock raising on scientific principles.

Lynch's Diseases of Swine

Diseases of Swine. With particular reference to *Hog-Cholera*. By CHARLES L. LYNCH, M.D., D.V.S., Professor of Pathology, Parasitology, Materia Medica, Therapeutics, and Toxicology, Terre Haute Veterinary College. *Castration and Spaying* by GEORGE R. WHITE, M.D., D.V.S.; Tennessee. Octavo of 741 pages, illus. Cloth, \$5.00 net. November, 1914

Helpful books on important subjects

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SAUNDERS' SCIENTIFIC BOOKS

American Pocket Medical Dictionary

American Pocket Medical Dictionary. Edited by
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